

3D-AMG

THE FUTURE OF NMT
MONITORING



- ✓ **The new 3D-AMG and its splint** overcome weaknesses of widely accepted gold standard AMG
- ✓ **3D-AMG** is clinically **equivalent** to **EMG** and **AMG**
- ✓ **3D-AMG** total cost of care is 8 times lower than EMG monitoring
- ✓ Enjoy unique clinical benefits of the ToFscan, an easy-to-use **3D-AMG TOF monitor**

1. The new 3D-AMG and its splint overcome weaknesses of widely accepted gold standard AMG

NO NEED FOR CALIBRATION

ToFscan can be used on patients whether having received NMBAs, or not.¹

MORE ACCURATE

The preload on the thumb by the splint ensures consistent and accurate measurements.¹

¹ Glenn S. Murphy, et al.; Anesthesiology 2018; 129:880–888

2. 3D-AMG is clinically equivalent to EMG¹ and AMG²

ToFscan VS

EMG

“Tetragraph (EMG) and ToFscan (3D-AMG) provide INTERCHANGEABLE quantitative measurements once the TOF ratio has returned to a value of 0,90 or greater.”¹

AMG

“GOOD AGREEMENT between the TOF-Watch SX (AMG) with calibration and preload application and the uncalibrated ToFscan (3D-AMG) was observed throughout all stages of neuromuscular recovery.”²

¹Comparison of the Tetragraph (EMG) and ToFscan (3D-AMG) for monitoring recovery from neuromuscular blockade in the Post Anesthesia Care Unit (PACU). DOI: 10.1016/j.jclinane.2021.110234

²Comparison of the ToFscan (3D-AMG) and the TOF-Watch SX (AMG) during Recovery of Neuromuscular Function. DOI: 10.1097/ALN.0000000000002400



3. TOFSCAN (3D-AMG) total cost of care is 8 times lower than EMG monitoring

Residual neuromuscular block can significantly extend recovery, increasing the risk of serious clinical complications that can lead to increased hospital costs.⁴

Quantitative TOF monitoring is currently the only method to exclude accurately and consistently RNMB⁴.

There are major costs associated with the complications of RNMB (such as reintubation and pneumonia) as well as the purchase of EMG quantitative TOF monitors³.

3D-AMG is the
**LESS
EXPENSIVE**
method^{3,4}

\$ 19,950

is the annual cost of
implementing 3D-AMG
monitoring*

EMG costs

x8^{3,4}

\$ 162,000

is the annual cost of
implementing EMG
monitoring^{3*}

Complications
costs

x346^{3,4}

\$ 6,9 million

is the annual cost of post
operative complications³

Universal quantitative TOF monitoring would result in a
NET COST SAVING in regard to the reduction of post-operative
pulmonary complications.³

*Depreciated over 5-year usable life span. Include sensors, disposables, and 30 monitors. The same calculation method has been used for EMG and 3D-AMG.

³ Lori-Ann Edwards, et al. Perioperative Care and Operating Room Management, ISSN: 2405-6030, Vol: 24, Page: 100184. 2021

⁴ Multicenter Study of the Incidence and Severity of Residual Neuromuscular Blockade DOI: 10.1213/ANE.0000000000000757



4. Enjoy unique clinical benefits of the ToFscan, an easy-to-use 3D-AMG TOF monitor

TIME SAVING.

No calibration is required.

COST-EFFICIENT.

Reusable sensors available and no proprietary consumables are required.

EASY-TO-USE.

Continuous and safe monitoring with the « auto pilot » ATP mode.

RELIABLE.

Reinforced immunity against electrosurgical unit interferences.

VERSATILE.

3D-AMG foot sensor available when hands are tucked at patient's sides.

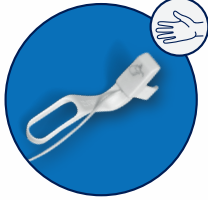
FOR EVERY PATIENT.

Reusable or single-use 3D-AMG sensors available for different stimulation sites.

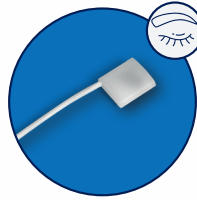


The most comprehensive range of dedicated sensors

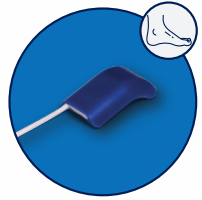
Hand



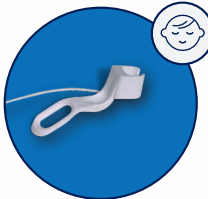
Eyebrow



Foot



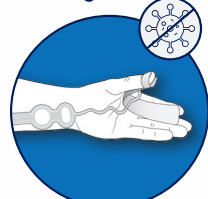
Paediatric



Small paediatric



Single use



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